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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/602,254	06/23/2003	Travis D. Fox	STL11083	1906
7590	02/28/2006		EXAMINER	
Fellers, Snider, Blankenship, Bailey & Tippens, P.C. Bank One Tower 100 North Broadway, Suite 1700 Oklahoma City, OK 73102-8820				KIM, HONG CHONG
		ART UNIT	PAPER NUMBER	2185
DATE MAILED: 02/28/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action Before the Filing of an Appeal Brief	Application No.	Applicant(s)	
	10/602,254	FOX ET AL.	
	Examiner Hong C. Kim	Art Unit 2185	
--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --			
THE REPLY FILED 15 February 2006 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.			
<p>1. <input checked="" type="checkbox"/> The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:</p> <p>a) <input type="checkbox"/> The period for reply expires _____ months from the mailing date of the final rejection. b) <input checked="" type="checkbox"/> The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.</p> <p>Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).</p>			
<p>Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).</p>			
<p>NOTICE OF APPEAL</p> <p>2. <input type="checkbox"/> The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).</p>			
<p>AMENDMENTS</p> <p>3. <input checked="" type="checkbox"/> The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will <u>not</u> be entered because</p> <p>(a) <input checked="" type="checkbox"/> They raise new issues that would require further consideration and/or search (see NOTE below); (b) <input checked="" type="checkbox"/> They raise the issue of new matter (see NOTE below); (c) <input checked="" type="checkbox"/> They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or (d) <input type="checkbox"/> They present additional claims without canceling a corresponding number of finally rejected claims.</p> <p>NOTE: <u>See Continuation Sheet</u>. (See 37 CFR 1.116 and 41.33(a)).</p>			
<p>4. <input type="checkbox"/> The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).</p> <p>5. <input type="checkbox"/> Applicant's reply has overcome the following rejection(s): _____.</p> <p>6. <input type="checkbox"/> Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).</p> <p>7. <input checked="" type="checkbox"/> For purposes of appeal, the proposed amendment(s): a) <input checked="" type="checkbox"/> will not be entered, or b) <input type="checkbox"/> will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.</p> <p>The status of the claim(s) is (or will be) as follows:</p> <p>Claim(s) allowed: _____.</p> <p>Claim(s) objected to: _____.</p> <p>Claim(s) rejected: <u>1-13 and 21-28</u>.</p> <p>Claim(s) withdrawn from consideration: _____.</p>			
<p>AFFIDAVIT OR OTHER EVIDENCE</p> <p>8. <input type="checkbox"/> The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will <u>not</u> be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).</p> <p>9. <input type="checkbox"/> The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will <u>not</u> be entered because the affidavit or other evidence failed to overcome <u>all</u> rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).</p> <p>10. <input type="checkbox"/> The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.</p>			
<p>REQUEST FOR RECONSIDERATION/OTHER</p> <p>11. <input type="checkbox"/> The request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.</p> <p>12. <input type="checkbox"/> Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s). _____.</p> <p>13. <input type="checkbox"/> Other: _____.</p>			

Continuation of 3. NOTE: Added limitation raises new issue and requires further consideration and search. Added limitation also raises possible 112 issue. Applicant's remarks that the references not teaching delaying executing of a second data transfer command to transfer speculative data in lieu thereof is not considered persuasive. Olds discloses delaying executing of a second data transfer command (block 9 lines 6-10, delays seeking to new track and block 10 delaying command in favor of executing previously requested access) to transfer speculative data (block 8 lines 6-8, not specifically requested the data from data blocks) in lieu thereof (block 9 lines 5-12, read additional blocks reads on this limitation). Also Figs. 4-6 in Olds reference show different drive operations without any scale on X-axis and also it appears that beginning of DATA 2 transfer time in each operation is not started at the same time. Handy discloses delaying executing of a second data transfer command to transfer speculative data in lieu thereof (pp 6, 72, and 84, spatial locality and reading in additional cache data (prefetching) during cache miss read on this limitation.



HONG CHONG KIM
PRIMARY EXAMINER